

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	09/25/2018 09/25/2018	Richard Willoughby

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0404_01_s _ 2013_24				
Comment Code					
Inspector Comment					
The LMA has a copy of the O & M Manual on file.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	25
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0404_01_s _ 2013_25				
Comment Code					
Inspector Comment					
LMA has adequate flood fight supplies on hand.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	26
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0404_01_s _ 2013_26				
Comment Code					
Inspector Comment					
LMA staff are maintaining their flood fight training with the last two years.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	09/25/2018 09/25/2018	Richard Willoughby

LM Start	0.75	Rating **	M	Issue No.	7
LM End	0.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.937758°	37.937758°
				-121.334149°	-121.334149°
DWR ID	DWR_RD0404_01_s_2012_7				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	0.75	Rating **	A/W	Issue No.	107	
LM End	0.75	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.937657 °	37.937657 °	
				-121.334158 °	-121.334158 °	
DWR ID	17945					
Comment Code						
Inspector Comment						
FS_ID:52607 DS_ID:17945 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 11/22/2017 Received updated photo from DWR levee inspector D. Torres showing gate has been cleared of sediment to allow operation of the gate on the WS. Crossing has been downgraded from Urgent to No Action Needed based on the 2016 photos and the most current photo. Recommend coordinating with City of Stockton to determine as-builts, CVFPB permit, and date of last internal integrity inspection completed for this crossing. (DWR UCIP - O. Magana) 11/29/2016 Flap gate still buried with sediment on WS. Requires clearing. (K. Fazel - UCIP)03/26/2013 Partially burried flap gate (P. Amatya - DWR) FIELD_STRUCT_DESC: 42-inch corrugated metal drainage discharge pipe, 18 feet below the crown. Flap gate, concrete headwall, and spillway on the waterside (WS). Pump house on the landside (LS). Abandoned concrete headwall, power pole, and two wooden piles found on the LS. This drainage pipe likely belongs to the City of Stockton. [Additional Reference(s): DWR Levee Log, 2006. USACE San Joaquin O&M Manual 1, March 1963, (HLM 0.78)]. FS Date: 11/22/2017						

Photo 1 of 3 : UCIP_FA_2018_52607_77527.jpg



WS view: WS gate cleared allowing proper operation of gate.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	09/25/2018 09/25/2018	Richard Willoughby

LM Start	0.75	Rating **	A/W	Issue No.	107 (cont)	
LM End	0.75	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.937657 °	37.937657 °	
				-121.334158 °	-121.334158 °	
DWR ID	17945					
Comment Code						
Inspector Comment						
FS_ID:52607 DS_ID:17945 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 11/22/2017 Received updated photo from DWR levee inspector D. Torres showing gate has been cleared of sediment to allow operation of the gate on the WS. Crossing has been downgraded from Urgent to No Action Needed based on the 2016 photos and the most current photo. Recommend coordinating with City of Stockton to determine as-builts, CVFPB permit, and date of last internal integrity inspection completed for this crossing. (DWR UCIP - O. Magana) 11/29/2016 Flap gate still buried with sediment on WS. Requires clearing. (K. Fazel - UCIP)03/26/2013 Partially buried flap gate (P. Amatya - DWR) FIELD_STRUCT_DESC: 42-inch corrugated metal drainage discharge pipe, 18 feet below the crown. Flap gate, concrete headwall, and spillway on the waterside (WS). Pump house on the landside (LS). Abandoned concrete headwall, power pole, and two wooden piles found on the LS. This drainage pipe likely belongs to the City of Stockton. [Additional Reference(s): DWR Levee Log, 2006. USACE San Joaquin O&M Manual 1, March 1963, (HLM 0.78)]. FS Date: 11/22/2017						

LM Start	0.75	Rating **	A/W	Issue No.	107 (cont)
LM End	0.75	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_52607_19962.jpg



WS- drainage outlet structure and CM pipe with flapgate

Photo 3 of 3 : UCIP_FA_2018_52607_19961.jpg



WS- Debris and vegetation blocking CM drainage pipe

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	09/25/2018 09/25/2018	Richard Willoughby

LM Start	0.78	Rating **	M	Issue No.	8
LM End	0.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.937395°	37.937395°
				-121.333883°	-121.333883°
DWR ID	DWR_RD0404_01_s_2013_8				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trees are blocking view of the slope.					

Photo 1 of 1 : FA_2018_RD0404_305_8_20180906_00004.jpg



Looking southeast at dense trees on landward slope and toe.

LM Start	0.89	Rating **	A/W	Issue No.	17
LM End	0.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.936159 °	37.936159 °
				-121.332711 °	-121.332711 °
DWR ID	DWR_RD0404_01_f_2012_17				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	0.95	Rating **	A/W	Issue No.	2
LM End	0.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.935990 °	37.935990 °
				-121.331600 °	-121.331600 °
DWR ID	DWR_RD0404_01_s_2012_2				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberries are partially blocking the visibility.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	09/25/2018 09/25/2018	Richard Willoughby

LM Start	0.98	Rating **	U	Issue No.	42
LM End	0.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.935918 °	37.935918 °
				-121.331032 °	-121.331032 °
DWR ID	DWR_RD0404_01_s_2017_42				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : FA_2018_RD0404_305_42_20180906_00016.jpg



View of the waterside slope looking southwest.

LM Start	0.98	Rating **	U	Issue No.	42 (cont)
LM End	0.98	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2018_RD0404_305_42_20180906_00017.jpg



Looking northwest at large animal hole (den) on waterward shoulder.

LM Start	1.19	Rating **	C	Issue No.	101
LM End	1.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.934058 °	37.934058 °
				-121.328188 °	-121.328188 °
DWR ID	DWR_RD0404_01_f_2016_101				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense vegetation on landward slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	09/25/2018 09/25/2018	Richard Willoughby

LM Start	1.35	Rating **	M	Issue No.	100
LM End	1.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.931945°	37.931945°
				-121.327150°	-121.327150°
DWR ID	DWR_RD0404_01_s_2012_100				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2018_RD0404_305_100_20180906_00018.jpg



Looking northwest at untrimmed trees on waterward slope.

LM Start	1.44	Rating **	M	Issue No.	11
LM End	1.46	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.930450 °	37.930450 °
				-121.327450 °	-121.327450 °
DWR ID	RD0404U01RM42.02				
Comment Code					
Inspector Comment					
09/13/2017: No significant change observed.					
07/25/2016: No significant change observed.					
06/24/2015: No significant change observed.					
06/19/2014: A series of scarp erosions have been found on the lower levee slope and at the levee toe. [2017 Site ID:RD0404U01RM42.02]					

Photo 1 of 2 : FA_2018_RD0404_305_11_20180906_00005.jpg



Front view of the erosion.

LM Start	1.44	Rating **	M	Issue No.	11 (cont)
LM End	1.46	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2018_RD0404_305_11_20180906_00006.jpg



Close view of the erosion. Note the protection on the lower levee slope.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	09/25/2018 09/25/2018	Richard Willoughby

LM Start	1.50	Rating **	M	Issue No.	27
LM End	1.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.896544 °	37.896544 °
				-121.327121 °	-121.327121 °
DWR ID	DWR_RD0404_01_f_2016_27				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA_2018_RD0404_305_27_20180906_00011.jpg



Looking west at untrimmed trees on waterward slope.

LM Start	1.70	Rating **	A/W	Issue No.	29
LM End	1.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.927517 °	37.926632 °
				-121.325515 °	-121.324868 °
DWR ID	DWR_RD0404_01_s_2015_29				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Dense untrimmed trees on waterward slope. Army Corp veg site.Tree and woody vegetation planted by the DWR but not being maintain according to agreement.					

Photo 1 of 2 : FA_2018_RD0404_305_29_20180906_00012.jpg



Looking north at dense vegetation on waterward slope.

LM Start	1.70	Rating **	A/W	Issue No.	29 (cont)
LM End	1.77	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2018_RD0404_305_29_20180906_00013.jpg



Looking south at dense vegetation on waterward slope.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	09/25/2018 09/25/2018	Richard Willoughby

LM Start	2.00	Rating **	U	Issue No.	33
LM End	2.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.923673 °	37.923673 °
				-121.323015 °	-121.323015 °
DWR ID	DWR_RD0404_01_s_2016_33				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Dead tree on waterward slope					

Photo 1 of 1 : FA_2018_RD0404_305_33_20180906_00014.jpg



Looking west at dead tree on waterward slope.

LM Start	2.01	Rating **	M	Issue No.	16
LM End	2.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.923470 °	37.923470 °
				-121.322978 °	-121.322978 °
DWR ID	DWR_RD0404_01_f_2013_16				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Slope damage due to foot traffic.					

Photo 1 of 2 : FA_2018_RD0404_305_16_20180906_00008.jpg



Looking west at slope damage due to foot traffic.

LM Start	2.01	Rating **	M	Issue No.	16 (cont)
LM End	2.01	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2018_RD0404_305_16_20180906_00009.jpg



Looking southwest at slope damage due to foot traffic.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	09/25/2018 09/25/2018	Richard Willoughby

LM Start	2.08	Rating **	M	Issue No.	13
LM End	2.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.922669 °	37.922669 °
				-121.322272 °	-121.322272 °
DWR ID	DWR_RD0404_01_f_2012_13				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2018_RD0404_305_13_20180906_00007.jpg



Looking northwest at untrimmed tree on waterward slope.

LM Start	2.14	Rating **	M	Issue No.	22
LM End	2.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.922040 °	37.922040 °
				-121.321446 °	-121.321446 °
DWR ID	DWR_RD0404_01_f_2017_22				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2018_RD0404_305_22_20180906_00010.jpg



View of the waterside slope looking south.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.75	09/25/2018 09/25/2018	Richard Willoughby

LM Start	0.14	Rating **	U	Issue No.	14 (cont)	
LM End	0.14	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			37.918875 °	37.918875 °	
				-121.316587 °	-121.316587 °	
DWR ID	DWR_RD0404_02_f_2017_14					
Comment Code						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						
Erosion occurred winter 2017.						

Photo 2 of 2 : FA_2018_RD0404_306_14_20180906_00004.jpg



Looking southeast at erosion on waterward slope.

LM Start	0.30	Rating **	M	Issue No.	3
LM End	0.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.918508 °	37.919543 °
				-121.314105 °	-121.311432 °
DWR ID	DWR_RD0404_02_s_2012_3				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent program not working.					

No Photos

LM Start	0.48	Rating **	M	Issue No.	8
LM End	0.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.919525 °	37.919525 °
				-121.311193 °	-121.311193 °
DWR ID	DWR_RD0404_02_s_2012_8				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent program not working.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.75	09/25/2018 09/25/2018	Richard Willoughby

LM Start	0.58	Rating **	M	Issue No.	24
LM End	0.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.919223 °	37.919223 °
				-121.309490 °	-121.309490 °
DWR ID	DWR_RD0404_02_s_2017_24				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.68	Rating **	U	Issue No.	21
LM End	0.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.919245 °	37.916652 °
				-121.307705 °	-121.305085 °
DWR ID	DWR_RD0404_02_s_2016_21				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Large holes noted on landward slope.					

Photo 1 of 2 : FA_2018_RD0404_306_21_20180906_00009.jpg



Looking northeast at large rodent hole on landward slope.

LM Start	0.68	Rating **	U	Issue No.	21 (cont)
LM End	0.94	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2018_RD0404_306_21_20180906_00010.jpg



Looking east at large rodent hole on landward slope.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
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Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.75	09/25/2018 09/25/2018	Richard Willoughby

LM Start	1.03	Rating **	U	Issue No.	20
LM End	1.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.916302 °	37.916383 °
				-121.303690 °	-121.302802 °
DWR ID	DWR_RD0404_02_s_2016_20				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Large rodent holes on landward slope and levee crown.					

View of the landside slope looking north.

LM Start	1.03	Rating **	U	Issue No.	20 (cont)
LM End	1.08	Issue Type +	Ma	Location *	LS

Looking northeast at rodent hole on landward shoulder.

LM Start	1.03	Rating **	U	Issue No.	20 (cont)
LM End	1.08	Issue Type +	Ma	Location *	LS

A close-up photograph of a circular hole in a gravel surface. The hole is dark and appears to be a manhole or a drainage opening. The surrounding ground is covered in small, light-colored gravel. In the upper right corner, the lower legs and brown leather boots of a person are visible, suggesting they are standing near the hole.

Looking at rodent hole on levee crown.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.75	09/25/2018 09/25/2018	Richard Willoughby

LM Start	1.03	Rating **	U	Issue No.	20 (cont)	
LM End	1.08	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			37.916302°	37.916383°	
				-121.303690°	-121.302802°	
DWR ID	DWR_RD0404_02_s_2016_20					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						
Large rodent holes on landward slope and levee crown.						

Photo 4 of 4 : FA_2018_RD0404_306_20_20180906_00008.jpg



Looking at rodent hole on landward slope.

LM Start	1.10	Rating **	M	Issue No.	11
LM End	1.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.916354 °	37.916626 °
				-121.302471 °	-121.300918 °
DWR ID	DWR_RD0404_02_s_2012_11				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Grouting program is being used but is not effective.					

Photo 1 of 2 : FA_2018_RD0404_306_11_20180906_00001.jpg



Looking east at large rodent hole on landward slope.

LM Start	1.10	Rating **	M	Issue No.	11 (cont)
LM End	1.19	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2018_RD0404_306_11_20180906_00002.jpg



Looking southwest at several rodent holes on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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